CONTENTS TO VOLUME 21

COMPUTATIONAL PHYSICS

Issue Page

- 1 Computer experiments in soliton theory. V. Makhankov
- 1 51 A computer-aided modelling of Cu2S CdS solar cells. J.L. Jacquemin and G. Bordure
- 2 145 Averaging shifted histograms. J.M.F. Chamayou
- 3 279 Inversion of Monte Carlo calculations and constrained minimalisation. W. Langbein and A. Mattheus
- 3 287 Computer graphics and stereoscopy for three-dimensional data. G.H. Kirby and A. Rixon
- 3 293 Comments on a time-dependent ionization algorithm. R.C. Mancini and C.F. Fontan
- 3 295 Reply to 'Comments on a time dependent ionization algorithm'. J. Magill
- 3 297 An algorithm for regular and irregular Coulomb and Bessel functions of real order to machine accuracy. A.R. Barnett

COMPUTER PROGRAMS IN PHYSICS

Issue Page

- 1 63 ALAM: a program for the calculation and expansion of molecular charge densities.
 M.A. Morrison
- 1 79 VLAM: a program for computing the electron-molecule static interaction potential from a Legendre expansion of the molecular charge density. G.B. Schmid, D.W. Norcross and L.A. Collins
- 1 91 Fourier analysis of EXAFS data, a self-contained Fortran program package. E. Indrea and N. Aldea
- New version of program for calculating differential and integral cross sections for quantum mechanical scattering problems from reactance or transition matrices. K. Onda, D.G. Truhlar and M.A. Brandt
- 1 109 A Fortran subroutine for the Bessel function Jn(x) of order 0 to 10. J.P. Coleman
- 1 119 General purpose unfolding program LOUHI78 with linear and nonlinear regularizations. J.T. Routti and J.V. Sandberg
- 2 163 Analysis of photonuclear yield curves by the variable Bin Penfold-Leiss method. P.D. Allen, Su Su and E.G. Muirhead
- 2 185 A program for perspective views of three-dimensional surfaces. E.A. Olszewski and W.J. Thompson
- 2 195 Root-rational-fraction package for exact calculation of vector-coupling coefficients. A.J. Stone and C.P. Wood

COMPUTER PROGRAMS IN PHYSICS (cont.)

Issue Page

- 2 207 An atomic multiconfigurational Dirac-Fock package. I.P. Grant, B.J. McKenzie, P.H. Norrington, D.F. Mayers and N.C. Pyper
- 2 233 A program to calculate transverse Breit and QED corrections to energy levels in a multiconfiguration Dirac-Fock environment. B.J. McKenzie, I.P. Grant and P.H. Norrington
- 2 247 Programs for the molecular dynamics simulation of liquids: I. Spherical molecules with short-ranged interactions. D. Fincham
- 2 257 LATEN: a complete lattice energy program. H.D.B. Jenkins and K.F. Pratt
- 2 271 A spline-based method for experimental data deconvolution. I. Beniaminy and M. Deutsch
- 3 315 A program for computing the Fermi-Dirac functions. A. Banuelos, R.A. Depine and R.C. Mancini
- 3 323 ERATO stability code. R. Gruber, F. Troyon, D. Berger, L.C. Bernard, S. Rousset, R. Schreiber, W. Kerner, W. Schneider and K.V. Roberts
- 3 373 SMOOS: a program for the filtration of non-stationary statistical series. V.B. Zlokazov
- 3 385 Simulation of EPR-spectra of randomly oriented samples. C. Daul, C.W. Schlapfer, B. Mohos, J. Ammeter and E. Gamp
- 3 397 A numerical code for the phase-space boundary integration of water bag plasmas. S. Cuperman and M. Mond
- 3 407 Calculation of (eta,gamma) cross-sections and astrophysical reaction rates by the nuclear statistical model. M.J. Harris
- 3 421 A Fortran program to fit diffusion models to field-gradient spin echo data. E.D. von Meerwall and R.D. Ferguson
- 3 431 Monte Carlo calculation of multiple scattering effects in thermal neutron scattering experiments: improved computation of elastic coherent scattering intensities. J.R.D. Copley
- 3 437 Erratum notice. ALFVEN: a two-dimensional code based on SHASTA, solving the radiative, diffusive MHD equations. W.J. Weber, J.P. Boris and J.H. Gardner